

Journal of Aerosol Science 1999 vol.30 NSuppl. 1, pages S225-S226

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## **Relationship synoptic variations with concentration of aerosols and polluting impurities in atmosphere**

Khutorova O., Douriaguine D.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

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### **Abstract**

The problem of distinguishing of wave variations of impurity concentration in atmosphere in dependency on meteoparameters was investigated. Cross-spectral analysis of long series of meteoparameters and concentration of the polluting components of atmosphere was carried out. The November 1996 to October 1997 data bank of measurements from monitoring station in Zelenodolsk was used. The cross-spectral analysis showed evident relation among the impurity components of atmosphere with meteoparameters.

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